

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	756	display\$3 and gray adj scale and potential adj difference	US-PGPUB	OR	ON	2006/11/16 10:34
L2	3350	liquid adj crystal and potential adj difference	US-PGPUB	OR	ON	2006/11/16 10:34
L3	685	pixel adj electrode and positive adj polarity	US-PGPUB	OR	ON	2006/11/16 10:35
L4	147	2 and 3	US-PGPUB	OR	ON	2006/11/16 10:35
L5	112	4 and common adj electrode	US-PGPUB	OR	ON	2006/11/16 10:35
L6	108	5 and negative adj polarity	US-PGPUB	OR	ON	2006/11/16 10:36
L7	19	6 and dummy	US-PGPUB	OR	ON	2006/11/16 11:03
L8	130	first adj potential adj difference	US-PGPUB	OR	ON	2006/11/16 11:04
L9	119	second adj potential adj difference	US-PGPUB	OR	ON	2006/11/16 11:04
L10	85	8 and 9	US-PGPUB	OR	ON	2006/11/16 11:04
L11	1	10 and dummy adj pixels	US-PGPUB	OR	ON	2006/11/16 11:05
L12	7	10 and pixel adj electrodes	US-PGPUB	OR	ON	2006/11/16 11:05
L13	4	12 and (common counter) adj electrodes	US-PGPUB	OR	ON	2006/11/16 11:05
S3	5771	345/690,209,89,90,92,95,96,100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/15 18:27
S4	896692	display\$3 and (pixel image picture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:28
S5	121	dummy adj pixel with pixel adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:30
S6	6	dummy adj pixel with common adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:30
S7	5	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:29

## EAST Search History

S8	243	dummy adj pixel and pixel adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:30
S9	114	dummy adj pixel and common adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:31
S10	91	S8 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:31
S11	91	S10 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:31
S12	17	S3 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:41
S13	0	potentail adj difference and dummy and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:41
S14	404	potential adj difference and dummy and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:42
S15	339	S4 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:42
S16	64	potential adj difference and dummy adj pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:54
S17	133	first adj potential adj difference and display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:55

## EAST Search History

S18	125	second adj potential adj difference and display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:55
S19	88	S17 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:58
S20	2	S18 and dummy and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:58
S21	88	S18 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:58
S22	5	S19 and dummy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 19:03
S23	2827	hiroyuki with takahashi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 19:06
S24	0	(image and display\$3 and dummy and pixel and periphery and part and voltage and pased and electrode and common and first potentail\$3 and difference and gray and scale and positive and polarit\$3 and writ\$4 and detect\$3 and second and negative and equal\$3).clm.	US-PGPUB	OR	ON	2006/11/15 19:10
S25	1	(image and display\$3 and dummy and pixel and periphery and part and voltage and based and electrode and common and first and potential\$3 and difference and gray and scale and positive and polarit\$3 and writ\$4 and detect\$3 and second and negative and equal\$3).clm.	US-PGPUB	OR	ON	2006/11/16 09:42

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	247	dummy adj (pixel picture image) and pixel adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:35
L2	125	dummy adj (pixel picture image) and common adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:36
L3	0	first adj potential adj difference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:37
L4	541	first adj potential adj difference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:38
L5	518	second adj potential adj difference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:37
L6	382	4 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:37
L7	95	1 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:38
L8	1	6 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:38
L9	80021	potential adj difference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:38

## EAST Search History

L10	29	7 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:39
L11	18038	pixel adj electrode and (common counter) adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:39
L12	29	10 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:40
S3	5771	345/690,209,89,90,92,95,96,100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/15 18:27
S4	896692	display\$3 and (pixel image picture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:28
S5	121	dummy adj pixel with pixel adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:30
S6	6	dummy adj pixel with common adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:30
S7	5	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:29
S8	243	dummy adj pixel and pixel adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:35
S9	114	dummy adj pixel and common adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:36

## EAST Search History

S10	91	S8 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:31
S11	91	S10 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:31
S12	17	S3 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:09
S13	0	potentail adj difference and dummy and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:41
S14	404	potential adj difference and dummy and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:42
S15	339	S4 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:42
S16	64	potential adj difference and dummy adj pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:54
S17	133	first adj potential adj difference and display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:55
S18	125	second adj potential adj difference and display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:55
S19	88	S17 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:58

## EAST Search History

S20	2	S18 and dummy and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:58
S21	88	S18 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:58
S22	5	S19 and dummy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 19:03
S23	2827	hiroyuki with takahashi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 19:06
S24	0	(image and display\$3 and dummy and pixel and periphery and part and voltage and pased and electrode and common and first potentail\$3 and difference and gray and scale and positive and polarit\$3 and writ\$4 and detect\$3 and second and negative and equal\$3).clm.	US-PGPUB	OR	ON	2006/11/15 19:10
S25	1	(image and display\$3 and dummy and pixel and periphery and part and voltage and based and electrode and common and first and potential\$3 and difference and gray and scale and positive and polarit\$3 and writ\$4 and detect\$3 and second and negative and equal\$3).clm.	US-PGPUB	OR	ON	2006/11/16 09:42
S26	756	display\$3 and gray adj scale and potential adj difference	US-PGPUB	OR	ON	2006/11/16 10:34
S27	3350	liquid adj crystal and potential adj difference	US-PGPUB	OR	ON	2006/11/16 10:34
S28	685	pixel adj electrode and positive adj polarity	US-PGPUB	OR	ON	2006/11/16 10:35
S29	147	S27 and S28	US-PGPUB	OR	ON	2006/11/16 10:35
S30	112	S29 and common adj electrode	US-PGPUB	OR	ON	2006/11/16 10:35
S31	108	S30 and negative adj polarity	US-PGPUB	OR	ON	2006/11/16 10:36
S32	19	S31 and dummy	US-PGPUB	OR	ON	2006/11/16 11:03
S33	130	first adj potential adj difference	US-PGPUB	OR	ON	2006/11/16 11:04
S34	119	second adj potential adj difference	US-PGPUB	OR	ON	2006/11/16 11:04

## EAST Search History

S35	85	S33 and S34	US-PGPUB	OR	ON	2006/11/16 11:04
S36	1	S35 and dummy adj pixels	US-PGPUB	OR	ON	2006/11/16 12:44
S37	7	S35 and pixel adj electrodes	US-PGPUB	OR	ON	2006/11/16 11:05
S38	4	S37 and (common counter) adj electrodes	US-PGPUB	OR	ON	2006/11/16 11:05
S39	1	S35 and dummy adj (pixels picture image)	US-PGPUB	OR	ON	2006/11/16 12:44
S40	1159	345/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:09